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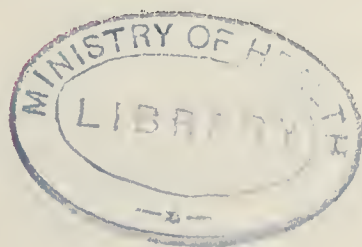
R E P O R T

of the

MEDICAL OFFICER OF HEALTH

for the year

1950.



ROBERT H. CLAYTON, M.B., B.S., B.Hy., D.P.H.

ANNUAL REPORT

of the
Medical Officer of Health for the Urban District of
Newmarket in the County of West Suffolk for the year
ending 31st December, 1950.

Public Health Offices,
8, Whiting Street,
Bury St. Edmunds.
August 1951.

To:-

The Chairman & Members of the Urban
District Council of Newmarket.

Mr. Chairman, Ladies & Gentlemen,

Herewith I beg to submit for your favourable consideration my
fifteenth Annual Report as Medical Officer of Health, being that
for the year ended 31st December, 1950.

It is with great pleasure that I acknowledge the co-operation
of the Public Health Committee and of my colleagues. It has greatly
added to the interest and simplicity of my work in having the
medical understanding and the great enthusiasm of Dr. J. Davis as
Chairman of the Public Health Committee.

I am, Mr. Chairman, Ladies & Gentlemen,

Your obedient servant,

ROBERT H. CLAYTON.

Medical Officer of Health.

Public Health Officers of the Authority.

(a) Medical - One part-time Medical Officer of Health.

Robert H. Clayton, M.B., B.S., B.Hy., D.P.H. (Durham),
Cert.Mental Deficiency and Allied Subjects (London),
appointed in 1936.

This Officer does not engage in private practice but holds in
addition the following appointments:- Medical Officer of Health,
Thedwastre R.D.C., Cosford R.D.C., Thingoe R.D.C., & Mildenhall R.D.C.

(b) Others - One Sanitary Inspector.

G. Penistone, M.S.I.A., Cert.S.I.B.,
Cert.Inspector of Meat and Other Foods,
Cert.Smoke Inspector, Royal Sanitary Institute,
appointed August 1946.

Public Health Committee.

Councillor Dr. J. Davis, Chairman.

" Mrs. A. F. Fuller.

" Mrs. C. Leader.

" Mr. E. W. Powter.

" Mr. J. Andrew.

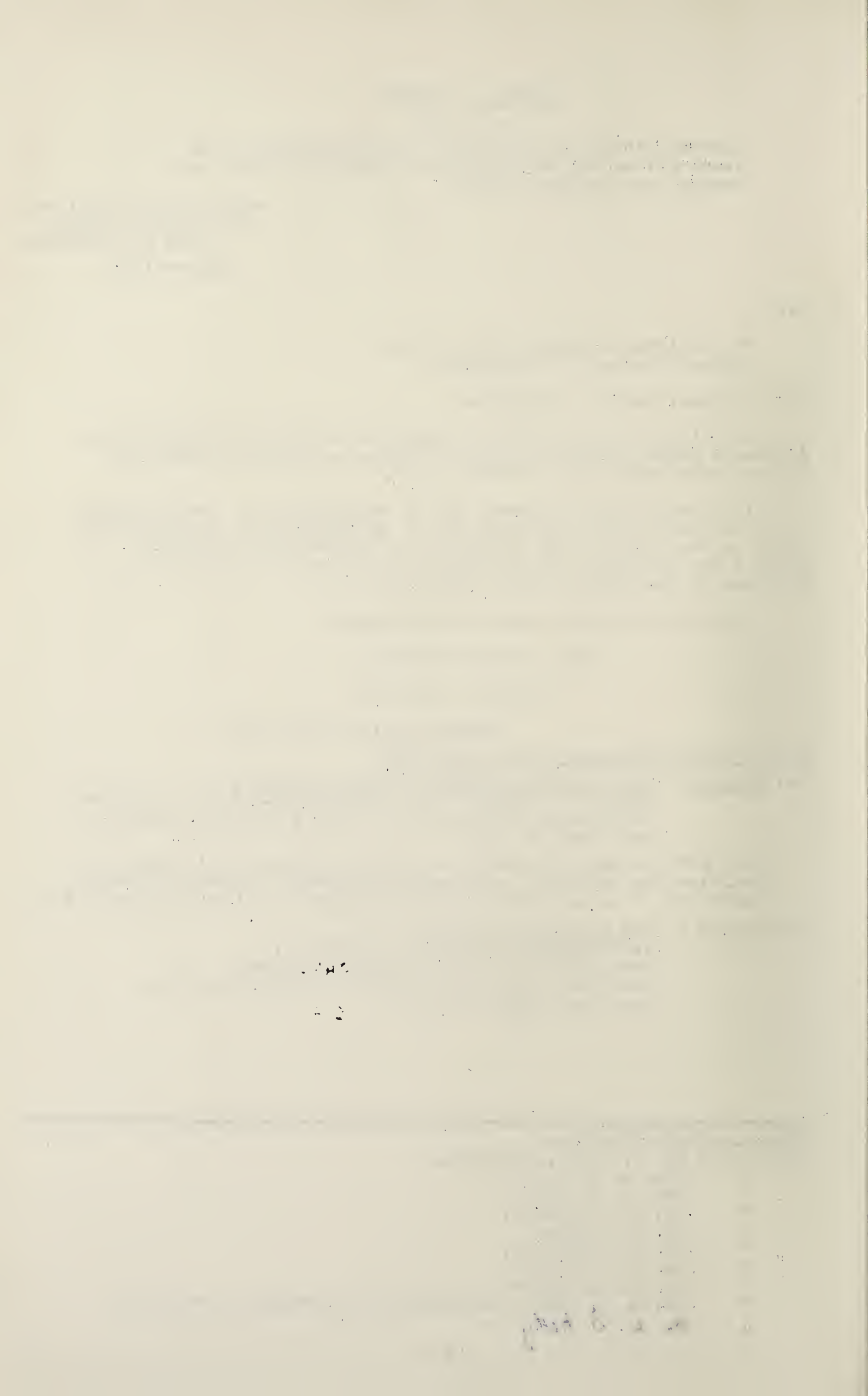
" Mr. M. Griffiths.

" Mr. R. J. Hill.

" Mr. J. G. Linford.

" Mr. G. H. Goult, Chairman of the Council, Ex-Officio.

" *Mr. W. B. Hatley*



SECTION A.
STATISTICS AND SOCIAL CONDITIONS OF THE AREA.

1. GENERAL STATISTICS.	Area	5,640 acres.
Registrar General's estimate of the resident population		(1947)	(1948)	(1949)	1950.
		(9,019)	(9,680)	(9,740)	9,700
Number of inhabited houses at end of year according to Rate Book	..	(2,890)	(3,033)	(3,070)	3,028
Rateable Value	(£73,193)	(£74,721)	(£75,420)	£77,406
Sum represented by a Penny Rate	..	(£266)	(£278)	(£281)	£294

2. EXTRACTS FROM VITAL STATISTICS FOR THE YEAR.

	Total.				Male.				Female.			
	(1947)	(1948)	(1949)	1950.	(1947)	(1948)	(1949)	1950.	(1947)	(1948)	(1949)	1950
<u>Live Births.</u>												
Legitimate	(153)	(135)	(128)	116	(77)	(79)	(70)	55	(76)	(56)	(58)	61
Illegitimate	(8)	(12)	(9)	8	(5)	(7)	(6)	5	(3)	(5)	(3)	3
<u>Stillbirths.</u>												
Legitimate	(3)	(Nil)	(2)	2	(1)	(Nil)	(1)	1	(2)	(Nil)	(1)	1
Illegitimate	(Nil)	(Nil)	(Nil)	Nil	(Nil)	(Nil)	(1)	Nil	(Nil)	(Nil)	(Nil)	Nil
<u>Deaths.</u>	(108)	(122)	(137)	105	(62)	(65)	(76)	47	(46)	(57)	(62)	58
<u>Deaths under 1 year.</u>	(6)	(2)	(9)	3	(1)	(1)	(6)	1	(5)	(1)	(3)	2

	Newmarket.				England & Wales.			
	(1947)	(1948)	(1949)	1950.	(1947)	(1948)	(1949)	1950.
<u>Birth Rate.</u> (Live Births per 1000 civilian population)	(17.9)	(15.2)	(14.1)	12.8	(20.5)	(17.9)	(16.7)	15.8

The Corrected Birth Rate
(Comparability Factor Newmarket 1.05) = 13.4

<u>Stillbirth Rate per 1000 population.</u>	(0.33)	(Nil)	(0.31)	0.21	(0.50)	(0.42)	(0.39)	0.37
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<u>Stillbirth Rate per 1000 total (Live and Still) births.</u>	(18.3)	(Nil)	(21.4)	15.9	(-)	(-)	(-)	-
--	--------	-------	--------	------	-----	-----	-----	---

<u>Death Rate per 1000 resident population.</u>	(12.0)	(12.6)	(14.1)	10.8	(12.0)	(10.8)	(11.7)	11.6
---	--------	--------	--------	------	--------	--------	--------	------

Corrected Death Rate
(Comparability Factor 1950=0.86) = 9.3

<u>Death Rate of Infants under 1 year.</u>								
All Infants per 1000 live births.	(37.3)	(13.6)	(65.7)	24.2	(41)	(34)	(32)	29.8

Legitimate Infants per 1000 legitimate births.	(26.1)	(7.5)	(62.5)	25.8	(-)	(-)	(-)	-
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Illegitimate Infants per 1000 illegitimate births.	(25.0)	(33.3)	(111.1)	Nil	(-)	(-)	(-)	-
--	--------	--------	---------	-----	-----	-----	-----	---

3 deaths of infants under 1 year occurred (1 male and 2 females, all legitimate children) as follows:-

Male, 5 months. Suffocated in his cot.
Female, 19 hours. Convulsions, prematurity, Maternal Toxaemia.
Female, 9 weeks. Broncho-Pneumonia.

Only 1 other death occurred in the nonage - this a particularly distressing accident, a young lady of 19 years succumbing to fumes from the gas heater in her bathroom.

At the other extreme of life, it will be noted from the table on page 3 that 74 of the 105 deaths in the District occurred at age 65 years or over, of which 47 occurred at 75 years or over. This represents 70% of the total deaths occurring at age 65 years or over and 45% at age 75 years or over.

The following table gives the causes and the number of deaths occurring at the various age groups. The totals correspond with the Registrar General's figures.

The deaths were previously classified under the Headings given in the New Abridged List of Causes, as used in England and Wales and Northern Ireland as set out on Page XXXIX of the Manual of the International List of Causes of Deaths - 1938. In this Annual Report, however, the practice is changed to conform with implementation of the World Health Organisation Nomenclature Regulations, 1948 - these Regulations being set out on pages 371 - 376 of the International Statistical Classification of Diseases, Injuries & Causes of Death, 1948.

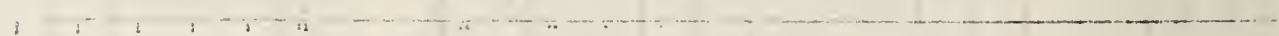
CAUSES OF DEATHS.		Deaths at the sub-joined ages of "RESIDENTS" whether occurring in or beyond the District.									
M. = Male. F. = Female.		Under 1 year.	1 to 4 years.	5 to 14 years.	15 to 24 years.	25 to 44 years.	45 to 64 years.	65 to 74 years.	75 & over.	TOTAL Registrar General's figures.	
		M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	
1. Tuberculosis, respiratory.		- -	- -	- -	- -	1 -	- -	- -	- -	1 -	
3. Syphilitic disease.		- -	- -	- -	- -	- -	- 1	- -	- -	- 1	
10. Malignant neoplasm, stomach.		- -	- -	- -	- -	- -	- -	- -	1 -	1 -	
11. Malignant neoplasm, lung, bronchus.		- -	- -	- -	- -	- -	2 1	- -	- -	2 1	
12. Malignant neoplasm, breast.		- -	- -	- -	- -	- -	- 2	- -	- -	- 2	
14. Other malignant & lymphatic neoplasms.		- -	- -	- -	- -	1 -	3 3	- 5	2 2	6 10	
15. Leukaemia, aleukaemia.		- -	- -	- -	1 -	- -	- -	- -	- -	1 -	
17. Vascular lesions of nervous system.		- -	- -	- -	- -	- -	- -	- 3	1 5	1 8	
18. Coronary disease, angina.		- -	- -	- -	- -	- -	2 -	4 3	3 -	9 3	
19. Hypertension with heart disease.		- -	- -	- -	- -	- -	- 1	1 -	- 2	1 3	
20. Other heart disease.		- -	- -	- -	- -	- 1	2 -	3 5	7 13	12 19	
21. Other circulatory disease.		- -	- -	- -	- -	- -	- 1	- -	- 1	- 2	
23. Pneumonia.		- 1	- -	- -	- -	- -	1 -	- -	1 -	2 1	
24. Bronchitis.		- -	- -	- -	- -	- -	- -	2 -	1 2	3 2	
28. Nephritis & Nephrosis.		- -	- -	- -	- -	- -	- -	- -	- 1	- 1	
29. Hyperplasia of prostate.		- -	- -	- -	- -	- -	- -	1 -	1 -	2 -	
32. Other defined & ill-defined diseases.		- 1	- -	- -	- -	1 -	1 1	- -	3 1	5 3	
34. All other accidents.		1 -	- -	- -	- 1	- 1	- -	- -	- -	1 2	
Total:	Males.	1 -	- -	- -	1 -	3 -	11 -	11 -	20 -	47 -	
	Females.	- 2	- -	- -	- 1	- 2	- 10	- 16	- 27	- 58	



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Year.	Rateable Value.	Penny Rate Product.	No. of inhabited houses.	Registrar-General's Estimate Population.	Total Deaths.	Deaths under one year.		Births.		Stillbirths.	
						Legit-imate.	Illegit-imate.	Legit-imate.	Illegit-imate.	Legit-imate.	Illegit-imate.
1936.	£71,889	£269	2,790	9,400	106	4	-	101	5	3	Nil
1937.	£72,018	£268	2,795	9,330	107	3	-	98	8	2	Nil
1938.	£72,531	£268	2,809	9,207	133	5	1	102	8	2	Nil
1939.	£72,426	£269	2,812	9,202	101	4	1	86	5	4	Nil
1940.	£72,000	£268	2,805	9,420	109	4	1	104	6	5	Nil
1941.	£71,125	£267	2,802	9,447	127	5	1	148	2	3	Nil
1942.	£71,539	£280	2,794	8,860	132	6	-	124	6	3	Nil
1943.	£71,683	£280	2,792	8,618	155	4	-	113	10	5	Nil
1944.	£71,711	£280	2,790	8,546	133	7	1	140	11	5	Nil
1945.	£72,396	£282	2,795	8,492	104	3	-	113	18	3	Nil
DECADE TOTALS.	-	-	-	-	1,207	45	5	1,129	79	35	Nil
1936 to 1945. ANNUAL AVERAGE DURING DECADE.	£71,932	£273	2,856	9,052	121	4.5	0.5	113	8	3.5	Nil
1946.	£72,591	£282	2,856	8,743	127	7	Nil	140	15	4	1
1947.	£73,193	£266	2,890	9,019	108	5	1	153	8	3	Nil
1948.	£74,721	£278	3,038	9,680	122	1	1	135	12	Nil	Nil
1949.	£75,420	£281	3,070	9,740	137	8	1	128	9	2	1
1950.	£77,406	£294	3,098	9,700	105	3	Nil	116	8	2	Nil



SECTION B.

GENERAL PROVISION OF HEALTH SERVICES IN THE AREA.

(a) LABORATORY FACILITIES. As in previous years bacteriological examinations have been carried out by the Emergency Public Health Laboratory Service, Tennis Court Road, Cambridge, under the directorship of Dr. R. M. Fry, whilst chemical analyses have been conducted by Dr. S. Greenburgh, the Public Analyst, Tennison Road, Cambridge.

(b) AMBULANCE FACILITIES. } These services are supplied by the
(c) NURSING IN THE HOME. } County Council.

(d) CLINICS AND TREATMENT CENTRES. Air Vice-Marshall T. K. Kelly, Medical Superintendent of White Lodge Hospital, has kindly supplied the following list of Out-Patient Clinics held at White Lodge Hospital:-

CLINIC.	DAY.	TIME.	SPECIALIST.
MEDICAL.	Wednesday. " 1st, 3rd & 5th.	2 p.m.-4 p.m.	Dr. Arden Jones. Dr. Martin.
SURGICAL.	Tuesday. Friday.	10.30 a.m.-12 noon. 2 p.m.-4 p.m.	Mr. Rowlands.
ORTHOPAEDIC.	Tuesday. Friday.	10.30 a.m.-12 noon. 2 p.m.-4 p.m.	Mr. Jamieson.
" School.	3rd Saturday.	10 a.m.-12 noon.	
GYNAECOLOGY. (& Post-Natal) Ante-Natal.	Alt. Fridays. Tuesday. Thursday.	2 - 4 p.m. 2 - 4 p.m. 2 - 4 p.m.	Mr. Lloyd. Dr. Barber.
EAR, NOSE, THROAT.	Monday (Principally Hearing Aids) Wednesday.	10 a.m.-12 noon. 10 a.m.-12 noon. 2 - 4 p.m.	Mr. Williamson.
EYES.	Tuesday. (1st, 2nd, 3rd & 5th) 4th Tuesday.	2 p.m.-4 p.m. 2 p.m.-4 p.m.	Miss Perrers Taylor
" School.			
CHEST. (T.B.) Consultations & refills.	Thursday.	2 p.m.-4 p.m.	Dr. Platts. Dr. C.P. Hay.
PAEDIATRICS.	Saturday. (2nd & 4th)	10 a.m.-12 noon.	Dr. Gairdner.
DENTAL.	Monday. Wednesday. Friday.	9.30 a.m.-12 noon. do. do.	Mr. Pountain.
SKIN.	2nd Thurs. in month. 4th Fri. " "	10.30 a.m.-12 noon. 10 a.m. - 12 noon.	Dr. Whittle. Dr. Grace Griffiths

(e) HOSPITALS. There were 124 births to Newmarket residents during 1950. These occurred:-

19 Outside the District.
10 at their own homes.
30 at Cardington Street Nursing Home.
65 at White Lodge Hospital.

Of the 105 deaths, 25 took place outside the District. 31 Deaths took place at the following hospitals:-

15 White Lodge Hospital, Newmarket.
4 Rous Memorial Hospital, Newmarket.
2 Addenbrookes Hospital, Cambridge.
1 Tower House Hospital, Ely.
4 St. Mary's Hospital, Bury St. Edmunds.
3 Walnuttree Hospital, Sudbury.
1 St. Audry's Hospital, Melton.
1 National Hospital, Holborn.

SECTION C.
SANITARY CIRCUMSTANCES OF THE AREA.

1. (i) WATER. The Newmarket Waterworks Company Limited supplies the Urban District. All Council and other houses built in 1950 have a main water supply.

Two wells in the chalk at Southfields Pumping Station, connected by an adit, are the source of supply. The water is chlorinated and pumped to a storage reservoir at Warren Hill which has a capacity of 260,000 gallons.

The supply was maintained without any cuts throughout the year.

During the year, 21 samples were taken direct from the well at Southfields for bacteriological examination. All samples were reported as satisfactory, showing counts of Nil B. Coli per 100 mls.

22 samples were taken from the mains, and all were satisfactory with counts of Nil B. Coli per 100 mls.

3 samples were taken from a private well which was reported in 1949 as having been closed as unsatisfactory. These samples again showed contamination with faecal coli, and the well therefore remains closed.

A sample of water from the well at Southfields Pumping Station, was submitted to Dr. S. Greenburgh, the Public Analyst, for chemical examination and the following is a copy of his certificate:-

Public Analyst's Laboratory,
Tenison Road,
Cambridge.

CERTIFICATE OF ANALYSIS.

Sample of Water labelled "Newmarket Waterworks Co's. Well at Southfields Pumping Station (not filtered or chlorinated)" received at 3. 0 p.m., on the 31st October, 1950, from Mr. G. Penistone, Newmarket Urban District Council, Severals House, Newmarket.

Time of sampling 10.0 a.m. 31.10.50.
Temperature of Sample 52°F

Physical Examination: Clear and bright, odourless and tasteless.

General Chemical Examination. Reaction pH 7.2

	<u>Parts per 100,000</u>
Free Carbon Dioxide as CO ₂	2.55
Ammonical Nitrogen "N"	Nil
Albuminoid Nitrogen "N"	0.0006
Nitrous Nitrogen	Nil
Nitric Nitrogen as N	0.65

Hardness as CaCO₃ (Clark)

Temporary	17.76
Permanent	6.24
Permanganate figure (3 hours at 37°C)	0.0360
Alkalinity as CaCO ₃	25.6
Total Solids	44.4
Poisonous metals	Absent

Mineral Analysis

Calcium as Ca	12.65
Magnesium as Mg	0.20
Carbonate as CO ₃	14.55
Chloride as Cl	2.30
Sulphate as SO ₄	1.49
Nitrate as NO ₃	2.88
Iron	Nil

Microscopical Examination of Deposit.

None

Bacteriological Examination.

Coliform organisms absent in 100 mls.

Number of micro-organisms per ml developing on Agar at 37°C = Nil

Number of micro-organisms per ml developing on Agar at 21°C = 17

Plumbo Solvency

No action on lead in 3 days at 18° to 21°C

Remarks. The results obtained on the analysis of this sample do not show any evidences of pollution with harmful organic or inorganic matter. I am of opinion that this water is fit for drinking purposes.

S. GREENBURGH.

Public Analyst.

"

1. (ii) DPAINAGE & SEWERAGE. To Mr. F. B. Waterfall, Surveyor, I express my thanks for the information contained in this Section and Section 3 (ii) which deals with Public Cleansing.

As described in my previous Annual Reports there are two sewage works in the Urban District - the main Newmarket Disposal Works and the Exning Sewage Works.

The Council were still unable during 1950 to proceed with their desire to utilise electricity in the running of these Works.

As in previous years the Council continue to offer free cleansing of cesspools with their Cesspool and Gulley Emptier once every half year, to properties not on the sewerage system, within the District.

As a provision against the fouling of sewers, the Eastern Gas Board delivered by tanker and deposited on the Sewage Works Site 474 loads of gas liquor during 1949.

New foul and stormwater sewers are in course of construction on the Houldsworth Valley Housing Site.

2. RIVERS AND STREAMS. The final effluent from the Sewage Works is given land treatment before being discharged into the stream which joins the River Snail at Snailwell.

3. (i) CLOSET ACCOMMODATION. In the District only the two farms and thirteen houses, without a piped water supply, are without water closets.

(ii) PUBLIC CLEANSING. Cleansing of streets and road gullies, collection of house refuse, shop refuse, trade refuse, and salvage, is carried out by direct labour under the supervision of Mr. F. B. Waterfall, the Engineer and Surveyor.

Refuse is collected by a Scammell Scarab with Essloo Self-loading 18 cub.yd. Refuse Collector. A total of 1,011 loads were collected and disposed of at the Sewage Disposal Works site for the year ending 31st December, 1950, by controlled tipping.

156 two ton lorry loads of Shop Refuse were collected by the Council, and 1,022 loads, of various capacity, of Trade Refuse, were brought to the Works by private traders, during the year ending 31st December, 1950.

(iii) SANITARY INSPECTION OF THE AREA. The following tabular statement has been supplied to me by the Sanitary Inspector, Mr. G. Penistone, as necessarily also, has much of the detailed information contained in this report concerning other activities. Mr. Penistone has, as in previous years, given me the utmost help and co-operation and I am sure that the Council realise that he is a most enthusiastic and efficient official.

Dwelling Houses.

Number of dwelling houses inspected under Public Health or Housing Acts	228	
Total number of inspections or re-inspections thereunder		574
Number of houses inspected after Infectious Diseases	1	
Infectious Disease visits and re-visits		95
Number of visits re disinfection		14
Houses visited re Overcrowding	4	
Number of Verminous houses inspected	16	
Number of visits and re-visits re verminous premises		49
Miscellaneous housing visits		47

Various Inspections.

Visits re Water Supply		51
Bacteriological samples of water from well at Southfields Pumping Station		21
Bacteriological samples of water from Mains		22
Bacteriological samples of water from Private Wells		3
Water sample from well at Southfields Pumping Station for Chemical Analysis		1
Water samples from Swimming Pool		6
Inspections at Swimming Pool		6
Inspections re choked and/or defective drains, drain testing		197
Inspections of Stables		6
Inspections of Fried Fish Shops		4
Visits re Common Lodging Houses		1
Visits re Moveable Dwellings		19
Inspections of Factories		65
Inspections re Outworkers premises		1
Bakehouses		11
Visits re Rats and Mice (in addition to Rodent Officers)		28
Smoke observations and visits		6
Schools		10
Shops Act		15
Miscellaneous Sanitary Visits		28
Visits to Slaughterhouse for Meat Inspection		367
Meat Inspection at shops etc.		3
Visits to Butchers Shops		28
Visits to Fishmongers		7
Visits to Grocers		39
Visits to Dairies and Milkshops		31
Visits to Ice-Cream Premises		43
Visits re Ice-Cream Sampling		15
Visits to Food Preparing Premises		1
Visits to Restaurants and Cafes		3
Visits to Markets		43
Visits re Milk Sampling		9
Miscellaneous Food Visits		4
Petroleum and Explosives		13
Number of Informal Notices served in 1950		151
Number of Informal Notices outstanding from 1949		20
Number of Informal Notices complied with in 1950		145
Number of Informal Notices outstanding at 31st December, 1950.		26
Number of Statutory Notices served in 1950		1
Number of Statutory Notices outstanding from 1949		Nil
Number of Statutory Notices complied with in 1950		1
(a) By Owners		1
(b) By Local Authorities in default of Owners		Nil
Number of Statutory Notices outstanding at 31st December, 1950.		Nil

Work done after service of Notices.

Informal.

Roofs repaired	6
Walls repaired	20
Damp conditions abated	11
Ceilings repaired	9
Floors repaired	4
Washing coppers repaired	1
Windows repaired	9
Doors repaired	2
Fireplaces, ovens, ranges, repaired or renewed ..	4
Eaves, gutter and rainwater pipes repaired or renewed	3
Water closets repaired or renewed	6
Drains repaired or renewed	31
Drains cleansed	39
Sewage disposal plant repaired	1
Sinks repaired or renewed	1
Yard paving repaired	8
Dustbins provided	53
Nuisance from keeping animals abated	1
Accumulation of manure or refuse removed	4
Factories cleansed and limewashed	2
Factory sanitary conveniences cleansed, repaired or intervening ventilated space provided	4
Miscellaneous	3

Public Health (Meat) Regulations, 1924.

Proper covers provided for meat during transport	3
--	---

Dairies.

Boiler room constructed so as not to communicate with dairy	1
Washing accommodation provided	1

Factory Act, 1937.

Inspections for purposes of provisions as to health.

Premises.	Number on Register.	Notices of		
		Inspections.	Written Notices.	Occupiers Prosecuted.
(i)Factories in which Sections 1,2,3,4 & 6 are to be enforced by Local Authorities.	29	13	1	Nil
(ii)Factories not included in (i) in which Section 7 is enforced by the Local Authority.	53	52	4	Nil
(iii)Other Premises in which Section 7 is enforced by the Local Authority * excluding out-workers' premises)	Nil	Nil	Nil	Nil
TOTAL:	82	65	5	Nil

1.e. Electrical Stations (Section 103 (1)), Institutions.
(Section 104) and sites of Building Operations and Works of
Engineering Construction (Sections 107 and 108).

Cases in which defects were found.

Particulars.	Number of cases in which defects were found.				No. of cases in which prosecutions were instituted.
	Found.	Remedied.	Referred.		
			To H.M. Inspector.	By H.M. Inspector.	
Want of cleanliness (S.1)	1	2 #	Nil	Nil	Nil
Sanitary conveniences (S.7)					
Unsuitable or defective.	3	4 #	Nil	1	Nil
Insufficient fire escapes.	1	Nil	Nil	1	Nil
TOTAL.	5	6	Nil	2	Nil

* includes 1 outstanding from 1949.

OUTWORK, Section 110. Making, etc. Wearing apparel, M/c. line No.13,
One out-worker in August list required by Sect.110(1).

(iv) SHOPS AND OFFICES. 15 inspections were made under the Shops Act.

(v) CAMPING SITES. There are no licensed camping sites in the District.

(vi) SMOKE ABATEMENT. Newmarket has no heavy industries and is, therefore, comparatively free from industrial atmospheric pollution.

6 smoke observations were made during the year, all in connection with the same laundry chimney as mentioned in previous reports.

At the end of the year the owners of the laundry were able to obtain and instal a new boiler plant, complete with a new and higher chimney. The new installation replaced the two existing boilers which are in process of being dismantled.

The new boiler is the "Economic" type with automatic "sprinkler" stoker. It is supplied with forced draught with induced natural draught from the chimney so that a balanced draught is obtained over the fire bed. Its capacity is more than sufficient to supply the present steam demand and will thus allow for any future extensions of plant.

It is very pleasing to record the abatement of this long standing nuisance, and the freeing of the residents in the vicinity from the pall of smoke which was previously created. occasionally.

(vii) SWIMMING POOL. The Council own a modern open-air swimming pool. Water for the pool is obtained from the Newmarket Water Company's mains. Circulation of the water is continuous and it is passed through a Bell horizontal sand filter and suitably chlorinated.

Six samples of swimming pool water were taken for bacteriological examination and all showed Nil B. Coli per 100 mls., which is highly satisfactory.

Six inspections were also made regarding the cleanliness of dressing boxes, sanitary accommodation and pool surroundings.

The swimming pool was open from the 13th May to 15th September, 1950. The number of tickets sold was 17,819 of which 5,543 were to adults, 11,269 to children and 1,007 to members of H.M. Forces who were admitted at a reduced rate. In addition there were 30 adult and 158 children season ticket holders.

Arrangements also were made with the West Suffolk Education Committee and the Cambridgeshire Education Committee for the attendance of school children on each morning, Monday to Friday, during the school summer term.

(viii) ERADICATION OF BED BUGS AND OTHER VERMIN. 8 houses infested with bed bugs were inspected during the year and the premises and furniture were treated by the Council's staff using Zaldecide D.D.T. spray.

One house infested with fleas and seven infestations by cockroaches were similarly dealt with - all non-Council houses.

Advice was given to householders regarding four infestations by ants.

The Isolation Hospital was treated to remove a heavy infestation of flies using Coopers Aerosol Flyspray as a "knockdown" insecticide, followed by D.D.T. spray as a residual insecticide.

22 wasp nests were destroyed.

49 visits and re-visits were paid to verminous premises.

23 visits were paid to houses occupied by tenants who had been allotted Council houses in order that the dwelling which they occupied and their furniture could be inspected and if necessary freed from vermin before removal to a new house. Five of the bed bug infestations were discovered as a result of these visits and were houses subject to Demolition Orders.

(ix) RATS AND MICE. The Council employ two operators, Mr. Forster and Mr. Gallant, on the work of rodent destruction, and systematic treatment of the district has been carried out in addition to complaints as they arose.

Free treatment is given to dwelling houses, but a charge is made for treatments carried out at business premises. The charge is at a flat rate of 4/- per hour inclusive of time taken to treat the premises and materials used.

Test baiting of the sewers in the district again showed only slight infestation and two maintenance treatments were carried out in those parts of the sewer system found to be affected.

5 treatments were carried out at the Council's Sewage and Refuse Disposal Works at Exning Road, and 3 treatments at the Exning Sewage Works. A total of 547 rat bodies was found after treatment at these premises.

14 treatments were carried out at Racing Stables and 172 rat bodies were found. The number of treatments at these premises shows a sharp decline in comparison with 35 in 1948, and 37 in 1949. Perhaps this is due to increased reluctance of trainers to have any poisoning carried out on their premises owing to much publicity given to alleged doping or poisoning of racehorses. It must be emphasised that in treating racing stables for rats our first concern is for the safety of bloodstock, and our record of 36 treatments in the last three years without any suggestion of accident should alleviate any fears which trainers may have for the safety of the horses in their care.

<u>Summary of Treatments carried out.</u>		
<u>Type of Premises.</u>	<u>No. of Treatments.</u>	<u>Rat Bodies Found.</u>
Dwelling Houses.	667	1,111
Business Premises.	32	106
Racing Stables.	14	172
Sewage & Refuse Disposal Works.	8	547
	<u>721</u>	<u>1,936</u>

(x) SCHOOLS. Ten inspections were paid to schools in connection with washing and sanitary accommodation. The attention of the Managers and the County Education Authority has been drawn to the condition of the sanitary arrangements at All Saints Junior and Infant Schools and the Council is pressing that improvements should be effected to these arrangements.

SECTION D.

HOUSING.

1. (i) (a) Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts)	228
(b) Number of inspections made for the purpose	574
(ii) (a) Number of dwelling-houses (included under sub-head (i) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925.	5
(b) Number of inspections made for the purpose	5
(iii) Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation.	5
(iv) Number of dwelling-houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation.	130
2. <u>Remedy of Defects during the year without service of formal notices:-</u>	
Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their officers.	127
3. <u>Action under Statutory Powers during the year:-</u>	
(a) <u>Proceedings under Sections 9, 10 and 16 of the Housing Act, 1936:-</u>	
(1) Number of dwelling-houses in respect of which notices were served requiring repairs.	Nil
(2) Number of dwelling-houses which were rendered fit after service of formal notices:-	
(a) by Owners	Nil
(b) by Local Authority in default of Owners	Nil
(b) <u>Proceedings under Public Health Acts.</u>	
(1) Number of dwelling-houses in respect of which notices were served requiring defects to be remedied	Nil
(2) Number of dwelling-houses in which defects were remedied after service of formal notices	
(a) By Owners (outstanding from 1949)	Nil
(b) By Local Authority in default of Owners	Nil
(c) <u>Proceedings under Section 11 and 13 of the Housing Act, 1936.</u>	
(1) Number of dwelling-houses in respect of which Demolition Orders were made.	2
(2) Number of dwelling-houses demolished in pursuance of Demolition Orders.	11
(d) <u>Proceedings under Section 12 of the Housing Act, 1936.</u>	
(1) Number of dwelling-houses in respect of which Closing Orders were made	1
(2) Number of dwelling-houses closed in pursuance of Closing Orders.	Nil

4. Housing Act, 1936 - Part IV - Overcrowding.

- (a) (i) Number of dwellings overcrowded at the end of the year 3
(ii) Number of families dwelling therein 5
(iii) Number of persons dwelling therein 29
(b) Number of new cases of overcrowding ~~relieved~~ ^{discovered} during the year 3
(c) (i) Number of cases of overcrowding relieved during the year following Statutory Notice 1
(ii) Number of persons concerned in such cases 16
(d) Particulars of any cases in which dwelling houses have again become overcrowded after the Local Authority having taken steps for the abatement of overcrowding Nil

The following table indicates the number of Council Houses provided by this Authority:-

	COMPLETED.						Total Post-War.
	Pre-War.	1946.	1947.	1948.	1949.	1950.	
Traditional.	312	-	34	30	5	27	96
Prefabricated.		35	15	-	-	-	50
Easiform.		-	-	98	2	-	100
Unity.		-	-	-	-	9	9
Total:	312	35	49	128	7	36	255

Pre-War 312
Grand Total Council Houses 567

Conversions. Family units provided by Council

17 13 32 28 - 90
657

Private Enterprise.

Houses completed. 3 5 3 5 2 18
Conversions. Family units provided. 5 20 10 11 6 52

Houses in course of erection at end of

	1949.	1950.
<u>Council Houses.</u> Roofed & plastered.	7	6
Roofed.	8	13
Eaves level.	-	4
Damp course level.	4	-
Footings.	8	12
Total:	<u>27</u>	<u>35</u>

Private Enterprise.

4 6

It will be noted that the number of Post-War Houses (255), without including the conversions (90), is approximating to the total (312) built pre-war. Such an accomplishment in five years is an excellent performance, especially as the Government, owing to shortages, has each year limited the number of houses the Council has been allowed to build.

The excellency of the post-war houses and the magnitude of the number is an indication of the grasping of every opportunity to serve the public by Mr. Ede, and now Mr. Hill, who succeeded him as Chairman of the Housing Committee - there are indeed very many people who have just cause to be grateful to Mr. Ede and Mr. Hill for their tireless and wholehearted efforts and the great work done by the Housing Committee.

INSPECTION AND SUPERVISION OF FOOD.(a) MILK SUPPLY. Milk and Dairies Regulations 1949.

Number of Milk Distributors on Register 6
 Number of Dairies on Register 2

Milk (Special Designation) Regulations 1949.

Number of Licences to sell milk as
 Tuberculin Tested 2
 Number of Supplementary Licences to sell
 milk as Tuberculin Tested 2
 Number of licences to sell milk as
 Pasteurised 3
 Number of supplementary licences to sell
 milk as Pasteurised 1

Nine samples of milk were taken with results as tabulated below:

MILK Nature of Sample.	No. of Samples.	PHOSPHATASE TEST.		METHYLENE BLUE TEST.		Total number of Unsatisfactory Samples.
		Satisfactory.	Unsatisfactory.	Satisfactory.	Unsatisfactory.	
Pasteur- ised.	6	5	1	6	-	1
T.T.Certified	1	-	-	1	-	-
T.T.Pasteur- ised.	2	2	-	2	-	-
	9	7	1	9	-	1

As shown above, only one sample of milk was reported as being unsatisfactory. This was a sample of Pasteurised milk which failed to satisfy the phosphatase test and was from a pasteurisation plant outside the district. Information concerning the sample was sent to the Authority in whose district the plant was situated, and subsequent samples from the same source proved to be satisfactory.

Contraventions of Milk and Dairies Regulations 1949, remedied during the year.

Reg.21.(1b) (i) Boiler house reconstructed so as not to communicate directly with milk room.

Reg.22 (2). Washing accommodation with hot and cold water provided.

No. of inspections of Dairies: 31.

(b) ICE-CREAM. There is now only one manufacturer of ice-cream in the District, the cost of providing and maintaining plant to manufacture ice-cream in accordance with the Ice-Cream (Heat Treatment, etc.) Regulations, 1947, having compelled other manufacturers to cease production.

The majority of ice-cream dealers in the town receive ice-cream from large manufacturers as wrapped blocks, bricks or in cartons, they keep the ice-cream in closed cabinet refrigerators, and sell the ice-cream in the wrappings or packings in which it is received. This type of trade as opposed to ice-cream being sold loose in sandwiches and cones, appears to be increasing.

15 samples of ice-cream were taken for methylene blue test with results as follows:-

<u>Grade 1.</u>	<u>Grade 2.</u>	<u>Grade 3.</u>
3	8	1

(3 samples were delayed in transit to the Public Health Laboratory and were not examined).

43 visits were made to ice-cream premises to supervise methods of production, storage and distribution.

(c) MEAT AND OTHER FOODS. All slaughtering of animals for human consumption for the Urban District and the surrounding Rural District takes place at the Government Controlled Slaughterhouse in the town.

A 100% inspection of all carcasses and organs was maintained throughout the year and 367 visits were paid to the slaughterhouse for the purpose of meat inspection. Inspection of meat was also carried out at butcher's shops and at the meat allocation depot.

As in previous years the slaughterhouse and equipment have been maintained in a high standard of cleanliness, the slaughterhouse staff paying particular attention to cleansing of floors and walls both during and at the close of each day's slaughtering.

Unfortunately there is no cold room into which carcasses and offals can be transferred after slaughter, and during hot weather some trouble was experienced owing to contamination of meat by flies. The premises, manure pit and condemned meat room were frequently treated by Ministry of Food staff using D.D.T. powder and spray to reduce fly infestation.

Fly contamination could be reduced by the provision of metal gauze to windows and ventilators, together with an extractor fan in the gable wall. This has been suggested to the responsible officer of the Ministry of Food.

Special examination of carcasses and organs of beef were continued to detect infestation by cysticercus bovis. Four cases were discovered and confirmed by microscopical examination. In each case the carcass of the affected animal was removed to Government Cold Store for 21 days and thereafter released for sale. No cases have been discovered since July 1950.

The percentage of cows found to be affected with tuberculosis again showed a decrease, comparative figures being 40.36 in 1948, 28.53 in 1949, and 27.5 in 1950.

There was an increase in the number of animals slaughtered, being 1,260 more than in 1949.

Carcasses and Parts of Carcasses Condemned.

<u>Beasts.</u>	Whole carcasses	26	<u>Pigs.</u>	Whole carcasses	7
	Part	21		Part	3
<u>Sheep & Lambs.</u>	Whole	10	<u>Calves.</u>	Whole	1
	Part	1		Part	2

Cattle.	Cattle other than Cows.		Cows.		
	Tuberculosis.	Other Diseases.	Tuberculosis.	Other Diseases.	Total.
Heads.	69	20	50	2	141
Lungs.	112	159	103	47	421
Hearts.	4	5	3	3	15
Livers.	33	212	31	76	352
Kidneys.	1	2	13	10	26
Skirts.	25	3	26	4	58
Spleens.	12	18	6	11	47
Stomachs.	7	3	5	3	18
Mesenteries and Intestine.	15	2	20	3	40
Udders.	-	-	1	2	3
<u>Pigs.</u>			<u>Total.</u>		
Heads.	1	-	1		
Lungs.	-	57	57		
Hearts.	-	19	19		
Livers.	-	12	12		
Mesenteries.	-	3	3		
Stomachs.	-	1	1		
<u>Sheep.</u>					
Heads.	-	2	2		
Lungs.	-	47	47		
Hearts.	-	9	9		
Livers.	-	67	67		
<u>Calves.</u>					
Lungs.	-	3	3		
Livers.	-	1	1		
Kidneys.	-	2	2		

Total wight of Meat and Offals condemned:- 14 tons, 1 cwt, 2 qrs.10 lbs.

CARCASES INSPECTED AND CONDEMNED.

	Cattle excluding Cows.	Cows.	Calves.	Sheep & Lambs.	Pigs.
Number killed.	1,452	440	548	3,332	296
Number inspected.	1,452	440	548	3,332	296
<u>All diseases except Tuberculosis:</u>					
Whole carcasses condemned.	8	3	1	10	7
Carcases of which some part or organ was condemned.	335	114	6	86	62
Percentage of the number inspected affected with disease other than Tuberculosis.	23.62	26.59	1.28	2.88	23.31
<u>Tuberculosis only:</u>					
Whole carcasses condemned.	11	4	-	-	-
Carcases of which some part or organ was condemned.	158	117	-	-	1
Percentage of the number inspected affected with Tuberculosis.	11.64	27.5	-	-	0.34

FOODSTUFFS CONDEMNED AS BEING UNSOUND OR OTHERWISE UNFIT FOR HUMAN CONSUMPTION.

96 tins of Meat	3 jars of Mincemeat
521 " " Fish	3 " " Meat Paste
86 " " Milk	3 pkts." Cake Mixture
49 " " Vegetables	33 Plum Puddings
33 " " Fruit	50 lbs. of Sandwich Cake
7 " " Jam	13 lbs. of Sausages
2 jars pickles	28 lbs. of Wet Fish
16 bttls. sauce.	25 lbs. of Lobsters.

56 lbs. of Cheese
2 lbs. " Biscuits
4 " " Oats
25 " " Pears
24 " " Bacon
9 " " Flour
224 Eggs.

Total Weight Condemned:- 8 cwt. 1 qr. 18 lbs.

(d) <u>ADULTERATION, ETC.</u>	}	No change.
(e) <u>CHEMICAL AND BACTERIOLOGICAL EXAMINATION.</u>		
(f) <u>NUTRITION.</u>		
(g) <u>SHELL-FISH. (Mulluscan).</u>		
(h) <u>WATER-CRESS.</u>		

SECTION F.
PREVALENCE OF & CONTROL OVER INFECTIOUS AND OTHER DISEASES.

The table on the following page indicates that 1950 was a very satisfactory year in Newmarket so far as the incidence of Infectious Disease is concerned. The nine Puerperal Pyrexia cases should not be related only to the 124 live births to Newmarket Residents because the Puerperal Pyrexia cases arose in the course of a much larger number of births including those to residents in other districts which occurred at White Lodge Hospital, where the maternity facilities offered being of the very highest order are attracting more and more mothers.

Comparison of the 1950 incidence of Infectious Disease in Newmarket with that occurring in previous years can be made by reference to the figures on page 19.

SECTION F.
PREVALENCE OF & CONTROL OVER INFECTIOUS AND OTHER DISEASES.

The following table shows the number of Infectious Diseases among the civilian population during the year. These are the final numbers after corrections subsequently made either by the Notifying Medical Practitioner or by the Medical Superintendent of the Infectious Disease Hospital.

ALL NOTIFIABLE DISEASES (other than Tuberculosis) DURING 1950.

	Scarlet Fever.	Whooping Cough.	Measles.	Pneumonia.	Erysipelas.	Puerperal Pyrexia.
Grand Total: M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.
54 22 32 Totals:	2 -	16 17	2 5	2 -	- 1	- 9
Age 0 to under 1	- -	1 1	- -	- -	- -	- -
1 " " 3	- -	4 3	- 2	- -	- -	- -
3 " " 5	- -	8 7	2 -	- -	- -	- -
5 " " 10	2 -	3 5	- 2	- -	- -	- -
10 " " 15	- -	- 1	- -	1 -	- -	- -
15 " " 25	- -	- -	- 1	- -	- -	- 6
25 " " 45	- -	- -	- -	1 -	- 1	- 3
45 " " 65	- -	- -	- -	- -	- -	- -
65 & over.	- -	- -	- -	- -	- -	- -

T U B E R C U L O S I S.

New Cases and Mortality during 1950.

During 1950 there were 11 new cases as follows:-

10 Pulmonary: 6 Males, aged 9,18,21,38,53 and 60 years.
4 Females, aged 6,28,30 & 52 years.
1 Non-Pulmonary: 1 Female, aged 19 years.

There was only one death during 1950, a male, aged 43 years, Pulmonary.

69 Tuberculosis cases remained on the Register at the end of 1950 (57 Pulmonary, 28 Males and 29 Females, and 12 Non-Pulmonary, 2 Males and 10 Females).

NEWMARKET - 1936 to 1950. NOTIFIABLE DISEASES (OTHER THAN TUBERCULOSIS).

	Diph- theria	Scarlet Fever.	Measles	Whoop- ing. Cough	Pneu- monia.	Ery- sip- elas.	Infective Hepatitis	Acute Polio- myelitis.	Dysentery	Enteric Fever.	Periph- igus Neo- nator- um.	Oph- thal- mia Neo- nator- um.	Puer- peral Pyrexia.	Food Poison- ing.	Cere- bro- Spinal Fever.	Enceph- alitis Lethargica.
1936.	1	4	-	-	5	1	-	Nil	Nil	Nil	Nil	Nil	1	-	1	3
1937.	1	9	-	-	4	Nil	-	4	Nil	Nil	1	Nil	Nil	-	Nil	Nil
1938.	3	2	-	-	4	1	-	Nil	Nil	Nil	Nil	Nil	3	-	Nil	Nil
1939.	2	49	-	14	5	1	-	Nil	Nil	1	Nil	Nil	Nil	-	Nil	Nil
1940.	48	45	24	17	3	2	-	Nil	Nil	Nil	Nil	Nil	1	-	Nil	Nil
1941.	3	5	389	5	5	1	-	Nil	Nil	Nil	Nil	Nil	2	-	Nil	Nil
1942.	2	3	2	34	2	1	-	Nil	Nil	Nil	Nil	Nil	1	-	Nil	Nil
1943.	Nil	36	86	18	9	3	155	Nil	Nil	Nil	Nil	Nil	3	-	Nil	Nil
1944.	2	28	2	19	7	1	63	Nil	Nil	Nil	Nil	Nil	4	-	Nil	Nil
1945.	Nil	3	39	5	2	Nil	Nil	Nil	Nil	Nil	Nil	Nil	2	-	Nil	Nil
1946.	Nil	2	1	2	Nil	2	Nil	Nil	2	Nil	Nil	1	5	-	Nil	Nil
1947.	Nil	7	2	Nil	1	2	Nil	3	12	Nil	Nil	Nil	10	-	Nil	Nil
1948.	Nil	53	8	10	1	Nil	Nil	Nil	Nil	Nil	Nil	Nil	4	-	Nil	Nil
1949.	Nil	10	383	27	1	1	1	Nil	Nil	Nil	Nil	Nil	5	2	1	Nil
1950.	Nil	2	7	33	2	1	Nil	Nil	Nil	Nil	Nil	Nil	9	Nil	Nil	Nil

